Asst. Prof. Mahmut Karakuş

Personal Information

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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, FK uzayların topolojik özellikleri ve bazı yeni semikonservatif FK uzaylar, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Matematik, 2014

Research Areas

Mathematics, Sequences, Series, Summability, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Matematik, 2015 - Continues
Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Matematik, 2009 - 2014

Courses

genel topoloji, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On some classical properties of normed spaces via generalized vector valued almost convergence**

Karakuş M., Başar F.

Mathematica Slovaca, vol.72, no.6, pp.1551-1566, 2022 (SCI-Expanded)

II. **Vector valued multiplier spaces of f(lambda)-summability, completeness through c(0)(X)-multiplier convergence and continuity and compactness of summing operators**

Karakuş M., Basar F.

REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.114, no.4, 2020 (SCI-Expanded)

III. **Operator valued series, almost summability of vector valued multipliers and (weak) compactness of summing operator**

Karakuş M., Basar F.

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.484, no.1, 2020 (SCI-Expanded)

IV. **A generalization of almost convergence, completeness of some normed spaces with wuC series and a version of Orlicz-Pettis theorem**

Karakuş M., Basar F.

REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.113, no.4, pp.3461-3475, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **ON CERTAIN VECTOR VALUED MULTIPLIER SPACES AND SERIES OF OPERATORS**

Karakuş M.

JOURNAL OF MATHEMATICAL ANALYSIS, vol.10, no.2, pp.1-11, 2019 (ESCI)

II. **On some distinguished subspaces and relationship between duals**

Bilgin T., Karakuş M.

JAMAME, vol.1, no.1, pp.5-15, 2018 (Peer-Reviewed Journal)

III. **ON SOME DISTINGUISHED SUBSPACES AND RELATIONSHIP BETWEEN DUALS**

Karakuş M., Bilgin T.

Journal of Advanced Mathematics and Mathematics Education, vol.1, no.1, pp.5-15, 2018 (Peer-Reviewed Journal)

IV. **Asymptotically Lacunary Statistical Equivalent Sequence Spaces Defined by Ideal Convergence and an Orlicz Function**

Karakuş M., Bilgin T.

Journal of Mathematics and Statistical Science, vol.11, pp.335-351, 2017 (Peer-Reviewed Journal)

V. **On The Space of Asymptotically Lacunary Equivalent Sequences Obtained From an Orlicz Function**

Karakuş M., Bilgin T.

Scholars Journal of Research in Mathematics and Computer Science, no.2, pp.109-116, 2017 (Peer-Reviewed Journal)

VI. **On the spectrum and the fine spectrum of the zweier matrix as an operator on some sequence spaces**

altay b., Karakuş M.

THAI JOURNAL OF MATHEMATICS, vol.3, pp.153-162, 2005 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **ON SOME NEW FK-SPACES**

Karakuş M.

ifscom 2019, Mersin, Turkey, 7 - 10 June 2019, pp.126-135

II. **matrix as a summability operator and completeness of certain normed spaces via weakly unconditionally Cauchy series**

Karakuş M., Bilgin T.

International Conference on Pure and Applied Mathematics (ICPAM 2018) „ Van, Turkey, 11 - 13 September 2018, pp.91

III. **ON TOEPLITZ - ORLICZ SPACES**
Karakuş M., Bilgin T.
4th International Conference on Pure and Applied Sciences: Renewable Energy, İstanbul, Turkey, 23 - 25 November 2017, pp.1486

IV. **pf-asymptotically Lacunary equivalent sequences spaces**
Bilgin T., Karakuş M.
Caucasian Mathematics Conference (CMC)-II, Van, Turkey, 22 - 24 August 2017, pp.42

V. **On sequence spaces ^p(M)**
Karakuş M., Bilgin T.
Caucasian Mathematics Conference (CMC)-II, Van, Turkey, 22 - 24 August 2017, pp.85

VI. **SPACE OF ? SEQUENCES OF ORDER ?? DEFINED BY AN ORLICZ FUNCTION**
Bilgin T., Karakuş M.
International Science and Technology Conference (ISTEC-2017)., Berelin, Germany, 16 - 18 August 2017, pp.539-542

VII. **Asymptotically Lacunary Statistical Equivalent Sequences spaces defined by ideal convergence and an Orlicz function**
Bilgin T., Karakuş M.
ICMME-2017 - INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.238-239

VIII. **On generalized quasi-convex bounded sequences**
Karakuş M.
3rd International Conference on Analysis and Applied Mathematics (ICAAM), Almaty, Kazakhstan, 7 - 10 September 2016, vol.1759

IX. **Asymptotically Lacunary Equivalent Sequences spaces defined by an Orlicz function**
Bilgin T., Karakuş M.
,International Conference on Advancements in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015, pp.1

Scientific Refereeing

Universal Journal of Mathematics and Applications, Other Indexed Journal, September 2019
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, March 2019

Metrics

Publication: 19
Citation (WoS): 5
Citation (Scopus): 3
H-Index (WoS): 2
H-Index (Scopus): 1

Congress and Symposium Activities

ifscom 2019, Attendee, Mersin, Turkey, 2019
IFSCOM 2016, Attendee, Turkey, 2016
IFSCOM 2016, Attendee, Mersin, Turkey, 2016
IFSCOM 2016, Attendee, Turkey, 2016

INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Attendee, Turkey, 2016

INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Attendee, Kırşehir, Turkey, 2016

MADEA 7, Attendee, Baku, Azerbaijan, 2015

ICPAM 2015, Attendee, Van, Turkey, 2015

IECMSA 2014, Attendee, Vienna, Austria, 2014

Algerian -Turkish Int. Days of Mathematics, Attendee, İstanbul, Turkey, 2013

Algerian -Turkish Int. Days of Mathematics, Attendee, İstanbul, Turkey, 2013

12. Matematik Sempozyumu, Attendee, Ankara, Turkey, 2013

MADEA 2012, Attendee, Mersin, Turkey, 2012

XXIII. Ulusal Matematik Sempozyumu, Attendee, Kayseri, Turkey, 2010